ATTACHMENT

BOILER INSPECTION REPORTS
AF1222

FORT GORDON VISIT NO. 1
OCTOBER 22-23, 2003

November 24, 2003

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

- Internal and External ☐ BA ☐ VA
- Internal/External with Hydrostatic Test *(same day)* ☐ BB ☐ VB
- External Under Operation ☒ BC ☐ VC
- External Under Hydrostatic Test ☐ BD ☐ VD
- Expansion/Receiver Tank or Internal with UT ☐ BE ☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	3	250

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 October 2003	New blr		

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☒ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
FIRST INSP	30	2002	2003

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	30 @ 250°F

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Superior	HS 350 sq Ft	15101	# 1

19. USE: ☐ Power ☐ Steam Heating ☐ Process ☐ Storage ☒ HTHW Heating ☒ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	30		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)* New blr

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*

IN operation - lead man did not want to prepare boiler for internal inspection due to it still being under warrantee.

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)*

No Secondary LWCO installed, Primary LWCO installed about 3-4" below marked low water cut off mark

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE / Number:	33. TOTAL CAPACITY	34. CONDITION AND HOW TESTED
	1 x 1½ / 1	2,900,000 CFM: BTU/HR: LB/HR:	New - Not tested
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)*	Satisfactory	
37. OTHER APPLIANCES	38. CONDITION	Satisfactory	
39. REGULATORS AND CONTROLS	40. CONDITION	Satisfactory	

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) Boiler in operation

(2) Boiler should be opened for internal inspection at first opportunity

(3) Requires a second stage low water cut out

(4) Primary hwco installed 3-4" below low water level mark as indicated by manufacturer

45. TYPE OR PRINT NAME OF INSPECTOR

John A Pegnazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Pegnazzi	22 Oct 03	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External — ☒ BA ☐ VA
Internal/External with Hydrostatic Test *(same day)* — ☐ BB ☐ VB
External Under Operation — ☐ BC ☐ VC
External Under Hydrostatic Test — ☐ BD ☐ VD
Expansion/Receiver Tank or Internal with UT — ☐ BE ☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
FT Gordon	Augusta	GA	30905	310 (Hosp)

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 Oct 2003	9-25-02		

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
150	110	1997	1997

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
NAT GAS	#2 Oil	150

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Cleaver Brooks	13800 lbs/hr	8683	# 1 B/R

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	150		☐ Yes ☑ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☑ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION
☒ None ☐ Other *(Specify)* Routine Maintenance

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*
Noted Slight build up of scale deposits. No other abnormal conditions

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No corrossion, leakage, overheating or burning noted on casing

Plant well maintained

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES
Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2" & 3½ Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404	34. CONDITION AND HOW TESTED Not tested
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None - Appear Satisfactory		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

① Recommend close watch of water chemistry due to leaking heat exchanger in hospital returning contaminated water, adjust input of chemicals as necessary.

② Adjust bottom blow and surface blow to maintain water chemistry in balance as required.

45. TYPE OR PRINT NAME OF INSPECTOR

John A DeGiuzzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A DeGiuzzi	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☐ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
				310 Hosp

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
27 Oct 2003		—	—

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
150	9-17-02	1997	1997

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	# 2 oil	150 psi

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Cleaver Brooks	13 800 lbs/hr 2000 sq ft HS	8665	#2

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	150		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* slight build up of scale deposits on tubes. No other abnormal Conditions Noted

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No Corrosion, leakage or burning of casing.

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES Appear satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2" + 1½ Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404	34. CONDITION AND HOW TESTED Not tested
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None - No Pigtails installed		
37. OTHER APPLIANCES	38. CONDITION No Pigtails installed - otherwise appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

① Recommend close watch of water chemistry due to leaking heat exchanger in hospital returning contaminated water; adjust input of chemicals as necessary.

② Adjust bottom blow and surface blow to maintain water chemistry in balance as required.

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Legnaioli

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A. Legnaioli	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayp Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack C Hayp	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

NB 8665

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

- ☐ BA Internal and External
- ☐ BB Internal/External with Hydrostatic Test *(same day)*
- ☒ BC External Under Operation
- ☐ BD External Under Hydrostatic Test
- ☐ BE Expansion/Receiver Tank or Internal with UT
- ☐ VA
- ☐ VB
- ☐ VC
- ☐ VD
- ☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	310 (Hosp)

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
27 Oct 2003	9-12-02		

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
150	150	1997	1997

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	150psi

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Cleaver Brooks		8664	#3 B/R

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	2 @ 150		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)* Routine Maintenance

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* Boiler in operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No Corrosion, leakage or burning of casing, slight overheating on flange of rear door.

Plant well maintained

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2" & 1½" Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 17404	34. CONDITION AND HOW TESTED Good under pressure manually
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None Blr in operation - No ("pig tail") anti-siphon device installed		
37. OTHER APPLIANCES	38. CONDITION No ("Pigtails") installed on Pressure Switches		
39. REGULATORS AND CONTROLS	40. CONDITION All appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

① Boiler in operation

45. TYPE OR PRINT NAME OF INSPECTOR

Jack A Rosemurgy

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
Jack A Rosemurgy	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jacks Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☐ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	24414 Mess Hall

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 Oct 2003	9-25-02		

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☒ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☒ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
	operates @ 30 psi	1999	1999

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	None	100

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU/HR/LBS./HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Parker Blr Co	~~[illegible]~~ 1380 lbs/hr	51118	# 1

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto Burner	50 psi		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☐ None ☒ Other *(Specify)* Replaced 3 gage cocks

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* Probe on Lwco Not Removed for inspection. Several union connections inside casing leaking. Lwco lower drain leaking at joint. Pilot solenoid has corroded due to leakage.

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No gage glass installed. Sediment in lower gage glass connection. No indications of casing burning or corrosion. No("pig tail") Anti siphon device installed on pressure gage & 3 pressure controlers. ~~No secondary source of feed water connected to Boiler~~ R.G.P. per Al Dogmanzi 11/17/03

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1 & 1½ Number: 1	33. TOTAL CAPACITY CFM: BTU/HR: 2587 LB/HR:	34. CONDITION AND HOW TESTED Manually Sat.
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None Appear Satisfactory		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory connected by copper tubing from steam outlet		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No Design Prevents entrence No Manway

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) Replace gage cocks

(2) Repair or replace unions within boiler that are leaking

(3) Replace leaking fitting on water column drain

(4) Clean or replace pilot solenoid valve due to corrosion build-up from leaking water column

(5) Replace probes in water column

(6) ~~Provide for secondary supply of water to boiler~~ RFI per JA Dognazzi 11/17/03

(7) Install "pig tails" on pressure gage and pressure controllers

45. TYPE OR PRINT NAME OF INSPECTOR

John A. DoGNazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Dognazzi	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-22-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☐ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☒ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	74414

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
23 Oct 2003	9-12-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☒ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☒ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
100	30 PSI	1999	1999

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	None	150

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Parker Boiler Co	1380 lbs /hr	5118	41

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	50 PSI		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☐ None ☐ Other *(Specify)*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*

In Service

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)*

Secondary Lwco failed to shut down burner. Primary Lwco was removed from previous boiler and installed on this boiler. Unknow if primary Lwco is installed in proper position. Primary Lwco failed to shut down boiler

Boiler Not Connected to Base Emcs system.

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1 x 1½ Number: 1	33. TOTAL CAPACITY CFM: BTU/HR: 2587 LB/HR:	34. CONDITION AND HOW TESTED Lifted by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* Gage out of calibration with pressure controllers		
37. OTHER APPLIANCES	38. CONDITION Appear satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) IN operation

(2) Secondary LWCO must be repaired to ensure it will shut down burner when activated - Possibility Piping is plugged downstream of drain valve.

(3) Primary LWCO/column failed to shutdown burner. This device was installed on this boiler after being removed from previous boiler. Possibly the LWCO/column is Not installed in proper position. Consult manufacturers technical manual to identify proper safe water level. Reposition LWCO/column to allow water level to be in middle of glass and even with manufactors designated safe level.

(4) This boiler will be retested again after repairs are made. Repairs scheduled for 25 October 2003

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Vogmaggi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Vogmaggi	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES FOREMAN

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack O'Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☐ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	25910

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 Oct 03	9-17-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
250	125	1965	

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	250

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Erie City	33850 Lbs/hr	17545	#4

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	250 / 251		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* Minimal entry in to waterside. Steam & Hot water leaking into boiler. Upper front header has significant deposits & sediments, partially full of water. Both lower side headers partially full of water. Scale deposits adhered to header where visible. Boiler will be replaced within 3 months

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* Several steam lines leaking steam due to valves being removed or piping cut to facilitate installation of new pipe being installed

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES Structually sound but wet from water leaking from lower headers and mud drum

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE / Number: 2" / 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 33,300	34. CONDITION AND HOW TESTED
			Not tested
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)*		
	Appears Satisfactory		
37. OTHER APPLIANCES	38. CONDITION		
	In different state of affairs due to construction		
39. REGULATORS AND CONTROLS	40. CONDITION		
	Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☐ Yes ☐ No (Explain) Unknow if new piping is being installed in accordance with ASME Code of B31.1

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) Blr not completly entered due to hot water & steam leaking back into boiler.

(2) As this boiler will be replaced within 3 months No recommendations offered.

(3) There are no safety related conditions that must be completed before replacement of boiler

45. TYPE OR PRINT NAME OF INSPECTOR

John A Vognazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Vognazzi	22 Oct 03	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

- Internal and External — ☐ BA ☐ VA
- Internal/External with Hydrostatic Test *(same day)* — ☐ BB ☐ VB
- External Under Operation — ☒ BC ☐ VC
- External Under Hydrostatic Test — ☐ BD ☐ VD
- Expansion/Receiver Tank or Internal with UT — ☐ BE ☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	August	GA	30905	25910

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 October 03	9-21-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
250	125	1965	

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	250

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Erie City	33850 lbs/hr	1717	#5

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto boiler	250 / 256		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*

Boiler in operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No Serious conditions that must be corrected before boiler is replaced within next 3 month

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

No serious condition

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2" Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 45,000	34. CONDITION AND HOW TESTED Manually - by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None - IN Service		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☐ Yes ☐ No (Explain) UNKNOWN IF Piping is being installed in Accordance with ASME/B31.1 Code.

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) IN Operation

45. TYPE OR PRINT NAME OF INSPECTOR

John A. Vegnazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Vegnazzi	22 Oct 03	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☐ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☒ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	25330

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 Oct 2003	4-17-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☒ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
250	125	1975	1975

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	250

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Nebraska	33,300 lbs/hr	1677	#1

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	2 @ 250		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION: ☒ None ☐ Other *(Specify)* Routine Maintenance

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*

Boiler in operation

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* High & low gas pressure controllers missing glass & cover. Lwco functioned as designed. Safety valves tested satisfactory

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES: Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 2 @ 2½ Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 38437	34. CONDITION AND HOW TESTED Sat - Manually
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None - In Service		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Satisfactory except glass & covers missing from high & low gas pressure controllers		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) IN Operation

(2) Install glass & cover on high and low pressure gas controllers

45. TYPE OR PRINT NAME OF INSPECTOR

John A. DeGnazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A DeGnazzi	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

JACK HAYES FOREMAN

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☒ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	25330

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 oct 03	9-12-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☒ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☒ Manned ☐ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
250	125	1975	1975

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	250

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Nebraska	33,300 lbs/hr	1676	#2

19. USE: ☐ Power ☒ Steam Heating ☐ Process ☐ Storage ☐ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto louvner	255 & 260		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION: ☒ None ☐ Other *(Specify)* Routine Maintenance

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* water in mud drum, Limited entry allowed. 1 Plugged tube, Moderate scale deposits in tubes & on shell. Refractory tile around burner loose, broken & Severly cracked. Scheduled for replacement when casing is replaced.

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* Contract awarded to replace casing on top & both sides. Top gage glass frozen in open position. Glass covers missing from gas high & low Pressure controllers, Front & rear casing show no indications of corrosion, overheating or burning. Safety valve set pressure not in accordance with Asme code.

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES: Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1 1/2 & 2 Number: 2	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 39583	34. CONDITION AND HOW TESTED Not tested b/c idle.
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None - ~~Boiler~~ idle		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory except 2 Controllers missing glass & cover		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

[X] Yes [ ] No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

[X] Yes [ ] No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

① Replace all burner tile and refractory

② Replace glass + covers on high and low pressure gas controllers

③ Both safety valves are set to open at greater than boilers MAWP. This is in Violation of ASME Code. One of the valves must be set to open at or below boilers MAWP ~~(150 PSI)~~ (250 P.S.I) A.G.P. per Al Bognazzi 10/17/03

45. TYPE OR PRINT NAME OF INSPECTOR

John A. DeGnazzi

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A. DeGnazzi	22-Oct 03	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☐ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	33500

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
23 oct 2023	Never Inspected Internally		

10. OBJECT: ☒ Fire Tube ☐ Cast Iron ☐ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☒ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
30	20	1965	1965

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	70 PSI

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
Crane	1,004,000 BTU	Ser # 210708	#1

19. USE: ☐ Power ☐ Steam Heating ☐ Process ☐ Storage ☒ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Auto burner	30		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other *(Specify)* Routine Maintenance.

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)*

Moderate amount of soft sediment throughout water side of. fireside surfaces have heavy accumulation of fireside deposits including soot deposits

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)*

No indications of overheating, burning or corrosion of casing Combustion Pressure/temperature gage missing cover and out of calibration

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Appear satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1" Number: 1	33. TOTAL CAPACITY 1,570,000 CFM: BTU/HR: LB/HR:	34. CONDITION AND HOW TESTED New - Manually
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* Requires replacement		
37. OTHER APPLIANCES	38. CONDITION Appear Satisfactory		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) Design/Construction prevents physical entry

(2) Water tubes require flushing

(3) Fireside requires complete cleaning

(4) All controls require weekly testing

(5) Boiler is connected into base Energy Management Control system (EMCS). Connection between boiler and EMCS never tested. This should be done at least monthly

(6) Wiring in control panel loose and very long - wiring should be shortened and revoute to ensure no contact is made with components within panel

45. TYPE OR PRINT NAME OF INSPECTOR

John A Voignay

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Voignay	23 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE

BOILER OR PRESSURE VESSEL INSPECTION REPORT

1. TYPE OF INSPECTION

Internal and External	☒ BA	☐ VA
Internal/External with Hydrostatic Test *(same day)*	☐ BB	☐ VB
External Under Operation	☐ BC	☐ VC
External Under Hydrostatic Test	☐ BD	☐ VD
Expansion/Receiver Tank or Internal with UT	☐ BE	☐ VE

HSBCT CONTRACT NUMBER:

2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
Fort Gordon	Augusta	GA	30905	36700

6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.
22 Oct 2003	9-25-02		

10. OBJECT: ☐ Fire Tube ☐ Cast Iron ☒ Water Tube ☐ Expansion Tank ☐ Pressure Vessel

11. PLANT: ☐ Manned ☒ Unmanned

11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED
150	150	1993	1993

13A. PRIMARY FUEL *(Boiler)*	13B. SECONDARY FUEL *(Boiler)*	14. DESIGN WORKING PRESSURE OR TEMPERATURE
Nat Gas	#2 oil	150 psi (water)

15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER
ENVIROtec	HS 488 #/HS 5,450,000 Btu output	137	1

19. USE: ☐ Power ☐ Steam Heating ☐ Process ☐ Storage ☒ HTHW Heating ☐ Heat Exchange ☐ Other *(Specify)*

20. METHOD OF FIRING *(Boilers)*	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED
Automatic burner	150 psi		☐ Yes ☒ No

24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST
☐ New ☐ Retest ☐ Repair	Date: PSI:	☐ Yes ☒ No Date: PSI:

STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION: ☒ None ☐ Other *(Specify)*

INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY *(State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)* Heavy Sediment in bottom header. upper header clean slight soot deposits on tubes in furnace.

EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT *(Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)* No Adverse Casing Conditions. Rear exterior (of casing) top of Lower header Not insulated. Relief valve stacking

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES: Appear Satisfactory

INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE 1 x 1¼ Number: 1	33. TOTAL CAPACITY 5916,000 CFM: BTU/HR: LB/HR:	34. CONDITION AND HOW TESTED UN Satisfactory - Manually
35. PRESSURE GAGES	36. CORRECTION TAKEN *(If none give reason)* None installed		
37. OTHER APPLIANCES	38. CONDITION Lwco - Probe type with manual reset. Thermometer reading low by 30° F		
39. REGULATORS AND CONTROLS	40. CONDITION Appear Satisfactory		

41. ASME CODES

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No *(Explain)*

AF1222 REV 2/02

INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION *(If NO, state what was not and why in Remarks and Recommendations of Inspector.)*

☐ Yes ☒ No

REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED *(Use a continuation sheet if necessary.)*

(1) Design of boiler prevents entry - only hand hole openings available.

(2) Flush sediment from lower header

(3) Replace relief valve with like kind and size. Install R/V with spindle in up right position

(4) Install pressure gage with range of 0-200 psi

45. TYPE OR PRINT NAME OF INSPECTOR

John A Degnan

45A. SIGNATURE OF INSPECTOR	45B. DATE OF SIGNATURE	45C. INSPECTOR'S NATIONAL BOARD NO.
John A Degnan	22 Oct 2003	8107

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

Jack Hayes Foreman

46A. SIGNATURE	46B. DATE OF SIGNATURE	46C. REPRESENTATIVE'S TELEPHONE NUMBER
Jack Hayes	10-23-03	

ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

49. SIGNATURE OF OFFICER IN CHARGE	50. DATE OF SIGNATURE